



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 121419

TO: Minh-Tam Davis
Location: rem/3a24/3c18
Art Unit: 1642
Monday, May 10, 2004
Case Serial Number: 09/996529

From: Paul Schulwitz
Location: Biotech-Chem Library
REM-1A65
Phone: (571)272-2527

paul.schulwitz@uspto.gov

Search Notes

Examiner Davis,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz
Technical Information Specialist
STIC Biotech/Chem Library
(571)272-2527

STIC-Biotech/ChemLib

121419

From: Davis, Minh-Tam
Sent: Thursday, May 06, 2004 1:11 PM
To: STIC-Biotech/ChemLib
Subject: Search request for 09/996529

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Please search in commercial database, issued patent files, PGPUB, and interference:

- 1) Accession number **X77956**
- 2) Accession number **X69111**.

Thank you.
MINH TAM DAVIS
ART UNIT 1642,
ROOM 3A24, MB 3C18
272-0830

Searcher: _____
Phone: _____
Location: _____
Date Picked Up: _____
Date Completed: 3/10
Searcher Prep/Review: _____
Clerical: _____
Online time: _____

TYPE OF SEARCH:
NA Sequences: _____
AA Sequences: _____
Structures: _____
Bibliographic: _____
Litigation: _____
Full text: _____
Patent Family: _____
Other: _____

VENDOR/COST (where applic.)
STN: _____
DIALOG: _____
Questel/Orbit: _____
DRLink: _____
Lexis/Nexis: _____
Sequence Sys.: _____
WWW/Internet: _____
Other (specify): _____

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? S ID1 or id(w)1
Processing
Processing
      702 ID1
      73715 ID
      12266746 1
      796 ID(W)1
S1 1450 ID1 OR ID(W)1
? s prostate
S2 167587 PROSTATE
? s s1 and s2
      1450 S1
      167587 S2
S3 61 S1 AND S2
? s cancer or adenocarcinoma or tumor
      1317567 CANCER
      185058 ADENOCARCINOMA
      1424320 TUMOR
S4 2387237 CANCER OR ADENOCARCINOMA OR TUMOR
? s s3 and s4
      61 S3
      2387237 S4
S5 52 S3 AND S4
? s s5 and py<=2000
Processing
Processing
      52 S5
      38072321 PY<=2000
S6 1 S5 AND PY<=2000
? t s6/3,k,ab/1

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6/3,K,AB/1 (Item 1 from file: 34)
 DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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09059939 Genuine Article#: 362HG Number of References: 50
 Title: A putative oncogenic role for MPP11 in head and neck squamous cell
cancer (ABSTRACT AVAILABLE)
 Author(s): Resto VA; Caballero OL; Buta MR; Westra WH; Wu L; Westendorf JM;
 Jen J; Hieter P; Sidransky D (REPRINT)
 Corporate Source: JOHNS HOPKINS UNIV,SCH MED, DEPT OTOLARYNGOL HEAD & NECK
 SURG, DIV HEAD & NECK CANC RES/BALTIMORE//MD/21206 (REPRINT); JOHNS
 HOPKINS UNIV,SCH MED, DEPT OTOLARYNGOL HEAD & NECK SURG, DIV HEAD &
 NECK CANC RES/BALTIMORE//MD/21206; JOHNS HOPKINS UNIV,SCH MED, DEPT MOL
 BIOL & GENET/BALTIMORE//MD/21205; JOHNS HOPKINS UNIV,SCH MED, DEPT
 PATHOL/BALTIMORE//MD/21205; JOHNS HOPKINS UNIV,SCH MED, DEPT
 ONCOL/BALTIMORE//MD/21205; STANFORD UNIV,SCH MED, DEPT MOL
 PHARMACOL/STANFORD//CA/94305; UNIV BRITISH COLUMBIA,CTR MOL MED &
 THERAPEUT/VANCOUVER/BC V5Z 4H4/CANADA/
 Journal: CANCER RESEARCH, 2000, V60, N19 (OCT 1), P5529-5535
 ISSN: 0008-5472 Publication date: 20001001
 Publisher: AMER ASSOC CANCER RESEARCH, PO BOX 11806, BIRMINGHAM, AL 35202
 Language: English Document Type: ARTICLE
 Abstract: Genetic alterations of chromosome 7 are common in human
cancer. Furthermore, previous studies have supported the presence
 of a gene important in a broad range of cancers at 7q22-31.1. There is
 evidence that supports an oncogenic function for this putative gene, as
 well as evidence that supports a **tumor** suppressive role. In this
 study, we used a cross-species candidate gene approach in combination
 with physical mapping to identify MPP11 as a candidate for the putative
cancer-related activity at 7q22-31.1. We then analyzed primary
 head and neck squamous cell tumors (HNSCCs) for loss of
 heterozygosity/allelic imbalance (LOH/AI) at the MPP11 genomic locus.

Thirty-eight percent of tumors examined displayed LOH/AI involving the MPP11 genomic locus. Mutation analysis of MPP11 in the latter samples did not identify any inactivating mutations, However, immunohistochemical staining of primary **tumor** sections and Western blot analysis of HNSCC cell lines revealed a **tumor**-specific high level of expression of MPP11p, Fluorescence in situ hybridization analysis done on the cell lines identified increased chromosome 7 copy number with a concomitant increase in MPP11 copy number. These results suggest an oncogenic role for MPP11 in HNSCC.

Title: A putative oncogenic role for MPP11 in head and neck squamous cell **cancer**
, 2000

Abstract: Genetic alterations of chromosome 7 are common in human **cancer**. Furthermore, previous studies have supported the presence of a gene important in a broad range...

...supports an oncogenic function for this putative gene, as well as evidence that supports a **tumor** suppressive role. In this study, we used a cross-species candidate gene approach in combination with physical mapping to identify MPP11 as a candidate for the putative **cancer**-related activity at 7q22-31.1. We then analyzed primary head and neck squamous cell...

...in the latter samples did not identify any inactivating mutations, However, immunohistochemical staining of primary **tumor** sections and Western blot analysis of HNSCC cell lines revealed a **tumor**-specific high level of expression of MPP11p, Fluorescence in situ hybridization analysis done on the...

...Identifiers--**TUMOR**-SUPPRESSOR GENE; IN-SITU HYBRIDIZATION; HELIX PROTEIN ID-1; FREQUENT LOSS; SACCHAROMYCES-CEREVISIAE; **PROSTATE-CANCER**; **BREAST-CANCER**; PHYSICAL MAP; LONG ARM; IDENTIFICATION

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Set	Items	Description
S1	1450	ID1 OR ID(W)1
S2	167587	PROSTATE
S3	61	S1 AND S2
S4	2387237	CANCER OR ADENOCARCINOMA OR TUMOR
S5	52	S3 AND S4
S6	1	S5 AND PY<=2000

? s id3 or id(w)3

709	ID3
73715	ID
9806565	3

271	ID(W)3
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S7	958	ID3 OR ID(W)3
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? s s7 and s2

958	S7
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167587	S2
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S8	8	S7 AND S2
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? rd

>>>Duplicate detection is not supported for File 340.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S9	8	RD (unique items)
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? s s9 and py<=2000

Processing

8	S9
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38072321	PY<=2000
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S10	0	S9 AND PY<=2000
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